

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,011,054 B2  
APPLICATION NO. : 10/525872  
DATED : March 14, 2006  
INVENTOR(S) : Hirowatari et al.

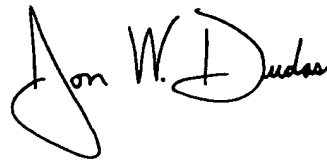
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

<u>Column</u>	<u>Line</u>	
6	54	Change " <b>vale</b> " to -- <b>valve</b> --;
24	65	Change " <b>the the</b> " to -- <b>the engine 1. For this reason, from the viewpoint of enhancing the</b> --; and
32	13	Change " <b>vale</b> " to -- <b>valve</b> --.

Signed and Sealed this

Sixth Day of March, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*